

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

MPP

Date:	17.08.21	Job No.:	RD17-799-05	ADR Yes/No:	N	ADR Date:		ECN #:	17- 619
Product No.:	D139-799			Created By:	RF	Approved By:			
Product Name:	Maintenance Kits			Checked By:	DS				

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	
Production Planning Man. / Production Planner	Y	ED / MP	
Supply Chain Director/ Purchasing Manager	N	RA / CL	
Production Engineering Coord.	Y	DD	
Production Engineering Coord.	N	DL	
Customer Order Processing	N	SL	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS / ED	
QC Coordinator	Y	PD	
Customer Support	Y	SW / LM	
Customer Technical Support	Y	MB / ML	
Marketing	N	WR	
Prod. Man. Solution Provider	Y	HM	

Reason for Change:

Design improvement to D139-799-013 kit

Documents Affected:

MDL-D139-799 Rev R
IIN-D139-799 Rev N
ICA-D139-799 Rev 13
D4632 Rev. B
D5539 Rev. A

IF APPLICABLE: **NCR:** _____ **PAR:** _____ **CAR:** _____ **CIR:** _____ **URF:** _____

PAPERWORK UPDATE

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	MB	Leonardo Helicopters	
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	RF	MDL-D139-799 Rev. R	17.08.29 RF
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	Y			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		17.08.29 KJ
12	Update Product Specification Files (Bluefiles)	Y	KJ		17.08.29 KJ
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		17.08.29 KJ
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		17.08.29 KJ
17	Update / Verify Airworthiness Release Certificate Database	Y	KJ		17.08.29 KJ
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D139-799-013 @ CHG 008	17.08.29 KJ
19	Create / Update Packaging Process Plan (PPP)	Y	KJ		17.08.29 KJ
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	KJ		17.08.29 KJ
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		17.08.29 KJ
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

- Update/Create BOM/routings per drawings above
- Update BOM/routing for D139-799-013-017
- D139-799-013 now at CHG 008
- Update/re-work D139-799-013 kit in stock per IID139-799 Rev. N and replace IIN/ICA
- Notify Leonardo IIN/ICA has been approved

OLJ Stock Sol.

MAKE New Kit with
New BOM. *(Signature)* OCT 27 2017

ECN Verified & Complete: _____

Date: _____

FE-062-140

Qty -033	Qty -013	Part Number	Description
	X	D139-799-013	CARGO DOOR HINGE KIT
X		D139-799-033	OEM MAINTENANCE-STEP CABLE REPLACEMENT KIT
	1	D2585	MOUNTING CHANNEL
	1	D2621	LATCH PLATE
	1	D3552-23	DOOR PROP
	1	D3622-1	BALL STUD
	1	D3622-3	BALL STUD
	2	D4072-1	AIRFRAME HINGE
	2	D4072-3	AIRFRAME HINGE BACKING PLATE
	4	D4072-5	BUSHING
	2	D4073-1	DOOR HINGE
	2	D4073-3	DOOR HINGE BACKING PLATE
	1	D4074-041	STRIKER PLATE ASSEMBLY (REPLACES D4074-7) 10.00
	1	D4074-1	BRACKET
	1	D4074-3	CHANNEL
	1	D4074-5	BACKING PLATE
	1	D4074-9	BACKING PLATE
	1	D4519-1	RELAY BRACKET
	1	D4632-041	STRIKER PLATE ASSEMBLY (REPLACES D4632-1) 300
	1	D4632-042	STRIKER PLATE ASSEMBLY (REPLACES D4632-2) 300
	1	D4761-1	SHIM BLOCK
8		D5039-3	MASTER LINK
4		D5039-5	HALF LINK
4		D5040-1	CHAIN ASSEMBLY
4		D5041-1	SCUFF GUARD
OK	1	D5275-041	DOOR LATCH ASSY (REPLACES D2586) 10.00 OK
4		D5348-1	DOUBLER
W/S	1	D5539-1	BRACKET W/O DONE → Brake
W/S	1	D5539-3	SWITCH BRACKET W/O DONE → BRAKE
	1	IN4007	DIODE
4		AN525-832R9	SCREW
4		AN525-832R10	SCREW
8		AN525-832R14	SCREW
	2	AN526-632R7	SCREW OK 20
	1	M12883-41-19	RELAY BASE
	4	M39029/92-534	SOCKET CONTACT
	1	M83536/9-024M	RELAY
	2	MS21042L06	NUT (or MS21042-06) OK 20
8	8	MS21042L08	NUT (or MS21042-08)
	32	MS21042L3	NUT (or MS21042-3) MS21042L3
	1	MS21042L5	NUT (or MS21042-5)
	4	MS24694-S47	SCREW
	4	MS24694-S51	SCREW OK 20
	4	MS24694-S58	SCREW OK 20
	8	MS27039-0807	SCREW
	8	MS27039-1-10	SCREW
	4	MS27039-1-12	SCREW OK 20
	2	MS27039-1-14	SCREW
	8	MS27039-1-16	SCREW OK 20
	1	MS27039-1-17	SCREW
	4	MS27039-1-18	SCREW OK 20
	4	MS27039-1-22	SCREW OK 20

Qty -033	Qty -013	Part Number	Description
6		NAS1149C0332R	WASHER
19		NAS1149D0363J	WASHER (or AN960JD10) <i>OK add 1</i> ↗
1		NAS1149D0663J	WASHER (or AN960JD616)
12		NAS1149D0332J	WASHER (or AN960JD10L)
2		NAS1149FN632P	WASHER (or AN960-6) ↗
8		NAS1149DN832J	WASHER (or AN960JD8) <i>OK</i> ↗
4		NAS1515H5L	WASHER

Qty -021	Qty -025	Qty -031	Part Number	Description
X			D139-799-021	CARGO COMPARTMENT PROTECTIVE TRIM KIT
	X		D139-799-025	CARGO COMPARTMENT RAINGUTTER KIT
		X	D139-799-031	CARGO COMPARTMENT PROTECTIVE TRIM KIT
2			D4427-1	SCUFF PLATE
	1		D4456-1	FWD RAINGUTTER, LH
	1		D4456-2	FWD RAINGUTTER, RH
	1		D4456-3	AFT RAINGUTTER, LH
	1		D4456-4	AFT RAINGUTTER, RH
	2		D4456-5	CENTER RAINGUTTER
		2	D4735-1	SCUFF PLATE
10		10	MS21075L3	NUTPLATE
10		10	MS27039C1-09	SCREW
10		10	NAS1149C0332R	WASHER (or AN960C10L)

Qty -023	Part Number	Description
X	D139-799-023	ANTI-ROTATION BLOCK KIT
5	D4310-1	BLOCK, ANTI-ROTATION
10	MS24665-155	PIN, COTTER

Qty -029	Part Number	Description
X	D139-799-029	HINGED FUEL CAP KIT
1	D5043-041	FUEL CAP HINGE ASSEMBLY
2	AN525-416R10	SCREW
1	CB 200	3.5g ACRYLIC ADHESIVE